



Power Plant Operation & Maintenance: Practical Workshop

Energy, Power & Renewables

QGT-ENR-141 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Power Plant Operation & Maintenance: Practical Workshop is a hands-on workshop built around exercises and real site problems in Power Plant Operation & Maintenance. It covers the principles, the requirements of IEC, ISO 50001, GHG Protocol and IEA guidance, and the practical methods used on site, with case studies from operations in the Gulf, Africa and worldwide. Available online, in the classroom in 60 cities, or in-house.

What participants will be able to do

- Explain the principles, terminology and scope of Power Plant Operation & Maintenance
- Apply the relevant requirements of IEC, ISO 50001, GHG Protocol and IEA guidance
- Use practical tools, checklists and calculations with confidence
- Recognise common problems, risks and root causes and choose the right corrective action
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for power plant staff, energy managers, sustainability teams and engineers who want practice rather than theory.

Course outline (5 days)

Day 1: Workshop briefing and baseline

Participants bring a real problem from their own site

Day 2: Guided practice 1

Hands-on exercises using templates, checklists and calculators

Day 3: Guided practice 2

Simulations and role-play based on Power Plant Operation & Maintenance scenarios

Day 4: Field cases from the Gulf and Africa

Analysing what went wrong and what worked

Day 5: Action plan and peer review

Each participant leaves with a reviewed improvement plan

What the 10-day edition adds

Day 6: Applied project, part 1 – Apply the week-one methods to a case from your organisation

Day 7: Data and digital tools – Software, spreadsheets and digital tools used in practice

Day 8: Lessons from incidents and audits – What investigations and audit findings teach

Day 9: Applied project, part 2 – Complete, test and refine your solution

Day 10: Presentations and final assessment – Present to the group and complete the final assessment

Fees (USD per participant)

Duration	Live online	Classroom	In-house
5 days	\$3,000	\$5,500	On quote
10 days	\$5,500	\$9,900	On quote

Fees include course material and certificate of completion; classroom fees include refreshments and lunch. In-house training is priced per group.

Dates and cities 2027–2030

Dates	City	Format	Duration	Fee
19–23 Jul 2027	London	Classroom	5 days	\$5,500
9–20 Aug 2027	Zurich	Classroom	10 days	\$9,900
16–20 Aug 2027	Marrakech	Classroom	5 days	\$5,500
6–17 Sep 2027	Berlin	Classroom	10 days	\$9,900
8–12 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
17–21 Jan 2028	Marrakech	Classroom	5 days	\$5,500
7–18 Aug 2028	Copenhagen	Classroom	10 days	\$9,900
9–13 Oct 2028	Edinburgh	Classroom	5 days	\$5,500
29 Oct – 9 Nov 2028	Riyadh	Classroom	10 days	\$9,900
6–10 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
4–8 Mar 2029	Alexandria	Classroom	5 days	\$5,500
27 Aug – 7 Sep 2029	Copenhagen	Classroom	10 days	\$9,900
9–13 Sep 2029	Sharm El Sheikh	Classroom	5 days	\$5,500
26 Nov – 7 Dec 2029	Vienna	Classroom	10 days	\$9,900
3–7 Dec 2029	Online (live)	Online (live)	5 days	\$3,000
4–8 Feb 2030	Geneva	Classroom	5 days	\$5,500
11–22 Mar 2030	Munich	Classroom	10 days	\$9,900
15–19 Jul 2030	Houston	Classroom	5 days	\$5,500
12–23 Aug 2030	Brussels	Classroom	10 days	\$9,900
26–30 Aug 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/power-plant-operation-and-maintenance-practical-workshop>

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